

Sales and Service

Support for Fully Closed Loop Control in the J2S Compatibility Mode of MR-J4-_B_-RJ020 General-Purpose AC Servo

Thank you for your continued patronage of the Mitsubishi general-purpose AC servo and FA products. The fully closed loop control function will be supported in the J2S compatibility mode of the MR-J4-_B_-RJ(RU)020 AC servo amplifier, which is compatible with the conversion unit for SSCNET of MR-J2S-B. We ask for your understanding in this matter.

1. Target Models

MR-J4-10B to 700B-RJ(RU)020
MR-J4-10B1 to 40B1-RJ(RU)020
MR-J4-60B4 to 700B4-RJ(RU)020

2. Details of Added Function

- Fully closed loop control function in the J2S compatibility mode
The fully closed loop control mode is selectable by using the "MR-J4(W)-B mode selection" tool included with version 1.34L or later of MR Configurator2.

3. Schedule and Version

This function will be supported sequentially from the October 2014 production of MR-J4-_B_-RJ(RU)020 with software number/version BCD-B46W309-A3.
For how to check the year and month of manufacture and the software version, refer to chapter 5.

4. Specifications

To use the fully closed loop control function in the J2S compatibility mode of MR-J4-_B_-RJ(RU)020, the fully closed loop control mode must be set. (Note 1)
For the procedure on changing the mode and the details of specifications, contact your local sales office.

Note 1. The fully closed loop control is not available in the J4 mode of MR-J4-_B_-RJ(RU)020.

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5. How to Identify the Target Unit

(1) How to check the year and month of manufacture

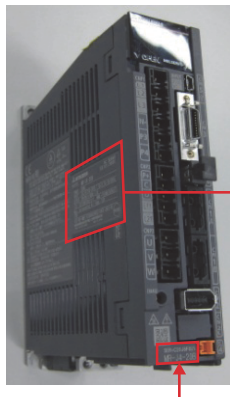
You can check the year and month of manufacture with the SERIAL number (9-digit alphanumeric characters) printed on the side or front of the unit. You can also check the number on the packaging box.

[Example of SERIAL number]

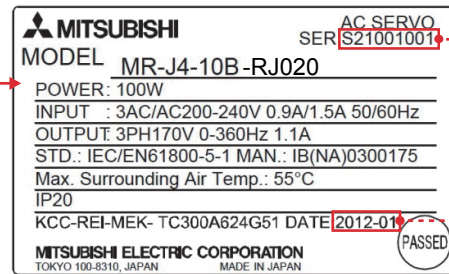
N 4 X L 6 9 0 2 5	}	1): Product version
1) 2) 3) 4)		2): Last digit of a year ("4" for 2014)
		3): Month (1 to 9, X: October, Y: November, Z: December)
		4): Control number (Rating plate: 6 digits, packaging plate: 3 digits)

→ This SERIAL number indicates "October 2014 production".

- Serial number (and the year and month of manufacture) on the unit



Rating plate (on the side or front of the unit)

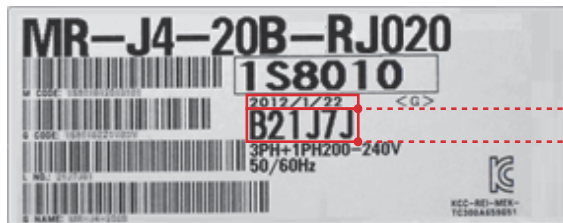


--- SERIAL number (9-digit alphanumeric characters)

--- The year and month of manufacture

(For the model having the capacity range and the rating plate on the side of the unit, the SERIAL number is also printed on its front.)

- Serial number (and the year and month of manufacture) on the packaging box
Packaging plate



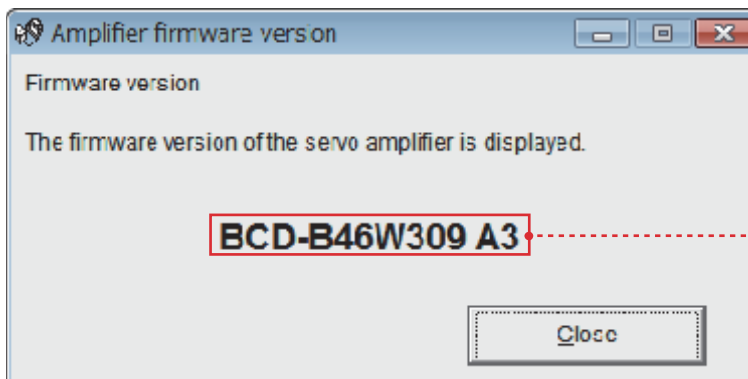
--- The year and month of manufacture

--- SERIAL number (First 6 alphanumeric characters)

(2) How to check the software version

Use the setup software (SETUP161) (Note) to check the software version as follows.

- Select "Diagnostics" and then "Software number display" from the menu, and check the software number of the servo amplifier.



--- Version (last 2 digits): A3

Note. You can download the setup software (SETUP161) from the MITSUBISHI ELECTRIC FA website for free.